

**RECEIVED
CENTRAL FAX CENTER****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****JUN 12 2006**

In re United States Patent Application of:)	Docket No.:	4241-685
Applicants:)	Conf. No.:	1430
Application No.:)	Art Unit:	1775
Date Filed:)	Examiner:	Timothy M. Speer
Title:)	Customer No.:	
LARGE AREA, UNIFORMLY)		
LOW DISLOCATION DENSITY)		
GAN SUBSTRATE AND)		
PROCESS FOR MAKING THE)		
SAME)		

23448**FACSIMILE TRANSMISSION CERTIFICATE****ATTN: Examiner Timothy M. Speer****Fax No. (571) 273-8300**

I hereby certify that this document is being filed in the United States Patent and Trademark Office, via facsimile transmission to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date specified below, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

25**Number of Pages (including cover)****Vincent K. Gustafson****June 12, 2006****Date****RESPONSE TO APRIL 12, 2006 FINAL OFFICE ACTION
IN U.S. PATENT APPLICATION NO. 10/712,351**

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This responds to the April 12, 2006 Final Office Action in the above-referenced patent application.

4241-685

The pending claims are set out in the following **Section I (Statement of the Claims)**. No amendments to the claims are made herewith.

Remarks relating to the April 12, 2006 Action are set out in **Section II (Remarks)** of this document.